



ABSTRACT

A telephone number domain name system is provided for managing a telephone number system using an existing domain name system thereby allowing a telephone number to be unique worldwide. The system includes a telephone number domain name system client and telephone number domain name server. The telephone domain name client includes a telephone number input section for receiving a telephone number, a domain name conversion section for converting the telephone number into a domain name, and an address request section for requesting an Internet protocol (IP) address corresponding to the converted domain name. The telephone number domain name server includes an address search section for searching an Internet protocol (IP) address corresponding to the request, and an address response section for transmitting a searched Internet protocol address to the address request section.